

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 08.07.08	Job No.: 00196	ADR Yes/No: N	ADR Date:	ECN #: 1216
Product No.: D412-769		Created By: <i>PS</i>	Approved By:	
Product Name: Aft Facing Seat		Checked By:	General Manager Approval:	

Distribution	Reqd	Resp	Received
Production Manager	Y	LL	<i>4.08.07.11</i>
Production Engineering Coord	Y	DD/EC	<i>3 08.07.09</i>
Director Quality Assurance			
Customer Order Processing			

Distribution	Reqd	Resp	Received
Customer Technical Support	Y	DS	<i>22.08.07.10</i>
Marketing	Y	SW	<i>30 08.07.11</i>
Production Document Control	Y	JLD	<i>JLD 08.07.11</i>

Reason for Change:

New TC STC SH08-38

Documents Affected:

Release TC STC SH08-38 Issue 1, IIN-D412-769 Rev. B, ICA-D412-769- Rev *φ*

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	KJ		<i>08.07.11 <i>φ</i></i>
2	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ/PH		<i>08.07.11 <i>φ</i></i>
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	N			
4	Update Grey Project Binder	Y	KJ		<i>08.07.11 <i>φ</i></i>
5	Move Electronic Files	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Create/Update Change Record Form	Y	KJ	D412-769-011/-041/-042 @ CHG 001	<i>08.07.11 <i>φ</i></i>
9	Create/Update PPP's	Y	KJ	D412-769-011/-041/-042 @ CHG 001	<i>08.07.11 <i>φ</i></i>
10	Update Controlled PDF Files	N			
11	Notify TC/FAA of Change	Y	KJ	Initiate FAA & EASA stc applications	<i>08.07.21 <i>φ</i></i>
12	Update QSI 021 and/or STC Approval List	Y	KJ		<i>08.07.11 <i>φ</i></i>
13	Update Product Development Summary	Y	KJ		<i>08.07.21 <i>φ</i></i>
14	Update Accpac Database	Y	KJ	See 8)	<i>08.07.11 <i>φ</i></i>
15	Update Access (ARC) Database	Y	KJ	See 8)	<i>08.07.11 <i>φ</i></i>
16	Update/Verify ARC	Y	KJ/PH	See 8)	<i>08.07.11 <i>φ</i></i>
17	Update Paperwork Kits in Production	Y	JLD	SEE BELOW	<i>See ATTACHED</i>
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	DD/EC	See attached.	<i>See ATTACHED</i>
23	Update FAI Sheets	N			
24	Create/Update CNC Programs	N			
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	N			
28	Update Paperwork Kits in Stock	N		SEE BELOW	
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action: ITEM 17 & 28:


D412-769-011 (0 IN STOCK, 0 IN PROD), D412-769-041 (0 IN STOCK, 1 IN PROD, B40000), D412-769-042 (0 IN STOCK, 1 IN PROD, B40001)

Additional Notes for ECN 1216

- 22) Previous estimate for D412-769-041/-042 should now be labeled as D412-769-043/-044 (see ECN 1217). D412-769-041/-042 now consists of parts below.

Per IIN-D412-769,

Qty	P/N
X	D412-769-011
1	D412-769-041
1	D412-769-042



Qty	P/N
X	D412-769-041
1	D412-769-043
1	D412-724-041
1	D412-724-043

Qty	P/N
X	D412-769-042
1	D412-769-044
1	D412-724-041
1	D412-724-044

4. WEIGHT AND BALANCE

The following is the weight increase associated with the D412-769-XXX Kits. The installer is responsible for the weight of the equipment coming out of the helicopter in order to install the D412-769-XXX Aft Facing Seat kits.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-769-011 Aft Facing Seat kit	60.0 lb 27.2 kg	0.0 in 0.0 m	0.00 in-lb 0.00 m-kg	87.0 in 2.21 m	5220 in-lb 60.11 m-kg
D412-769-041 Aft Facing Seat, LH (normal position)	30.0 lb 13.6 kg	-16.1 in -0.41 m	-483.0 in-lb -5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (normal position)	30.0 lb 13.6 kg	+16.1 in +0.41 m	+483.0 in-lb +5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (center position)	30.0 lb 13.6 kg	-1.1 in -0.03 m	-33.0 in-lb -0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (center position)	30.0 lb 13.6 kg	+1.1 in +0.03 m	+33.0 in-lb +0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (right Position)	30.0 lb 13.6 kg	+13.9 in +0.35 m	+417.0 in-lb +4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (left Position)	30.0 lb 13.6 kg	-13.9 in -0.35 m	-417.0 in-lb -4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg

5. PARTS LIST

Qty -011	Qty -041	Qty -042	Part Number	Description
X			D412-769-011	AFT FACING SEAT KIT
1	X		D412-769-041	AFT FACING SEAT, LH
1		X	D412-769-042	AFT FACING SEAT, RH
	1		D412-769-043	AFT FACING SEAT ASSEMBLY, LH
		1	D412-769-044	AFT FACING SEAT ASSEMBLY, RH
	1	1	D412-724-041	HEAD REST ASSEMBLY, CENTER
	1		D412-724-043	HEAD REST ASSEMBLY, LH
		1	D412-724-044	HEAD REST ASSEMBLY, RH

REFERENCE ONLY

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Production Engineering Coord	Y	DD/EC	/	Marketing	Y	SW	
Director Quality Assurance				Production Document Control	Y	JLD	
Customer Order Processing							

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